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| <input type="checkbox"/> | <b>4. Dequantizing Image orientation</b><br>Desolneux, A.; Ladjal, S.; Moisan, L.; Morel, J.-M.;<br>Image Processing, IEEE Transactions on<br>Volume 11, Issue 10, Oct. 2002 Page(s):1129 - 1140<br><a href="#">AbstractPlus</a>   <a href="#">References</a>   Full Text: <a href="#">PDF(525 KB)</a> IEEE JNL   |
| <input type="checkbox"/> | <b>5. New architecture for dynamic frame-skipping transcoder</b><br>Kai-Tat Fung; Yui-Lam Chan; Wan-Chi Siu;<br>Image Processing, IEEE Transactions on<br>Volume 11, Issue 8, Aug. 2002 Page(s):886 - 900<br><a href="#">AbstractPlus</a>   <a href="#">References</a>   Full Text: <a href="#">PDF(1059 KB)</a> IEEE JNL   |
| <input type="checkbox"/> | <b>6. A stable buffer control strategy for MPEG coding</b><br>Chih-Feng Chang; Jia-Shung Wang;<br>Circuits and Systems for Video Technology, IEEE Transactions on<br>Volume 7, Issue 6, Dec. 1997 Page(s):920 - 924<br><a href="#">AbstractPlus</a>   <a href="#">References</a>   Full Text: <a href="#">PDF(128 KB)</a> IEEE JNL  |

- ☐ **7. Design of VQ-Based Hybrid Digital-Analog Joint Source-Channel Codes for Image Communication**  
 Yadong Wang; Alajaji, F.; Linder, T.;  
 Data Compression Conference, 2005. Proceedings. DCC 2005  
 29-31 March 2005 Page(s):193 - 202  
[AbstractPlus](#) | Full Text: [PDF\(384 KB\)](#) IEEE CNF
- ☐ **8. Evaluation of compressed synthetic aperture radar imagery**  
 Kuperman, G.G.; Penrod, T.D.;  
 Aerospace and Electronics Conference, 1994. NAECON 1994., Proceedings of the IEEE  
 23-27 May 1994 Page(s):319 - 326 vol.1  
[AbstractPlus](#) | Full Text: [PDF\(544 KB\)](#) IEEE CNF
- ☐ **9. Coronary angiogram video compression**  
 Min-Jen Tsai; Villasenor, J.D.; Ho, B.K.T.;  
 Nuclear Science Symposium and Medical Imaging Conference, 1994., 1994 IEEE Conf  
 Volume 4, 30 Oct.-5 Nov. 1994 Page(s):1847 - 1851 vol.4  
[AbstractPlus](#) | Full Text: [PDF\(400 KB\)](#) IEEE CNF
- ☐ **10. Two-layered DCT based coding scheme for recording digital HDTV signals**  
 Jae Hyun Kim; Goo Man Park;  
 Acoustics, Speech, and Signal Processing, 1994. ICASSP-94., 1994 IEEE International  
 Volume 5, 19-22 April 1994 Page(s):V/425 - V/428 vol.5  
[AbstractPlus](#) | Full Text: [PDF\(252 KB\)](#) IEEE CNF
- ☐ **11. Fingerprint compression using a piecewise-uniform pyramid lattice vector quant**  
 Kasaei, S.; Deriche, M.;  
 Acoustics, Speech, and Signal Processing, 1997. ICASSP-97., 1997 IEEE International  
 Volume 4, 21-24 April 1997 Page(s):3117 - 3120 vol.4  
[AbstractPlus](#) | Full Text: [PDF\(424 KB\)](#) IEEE CNF
- ☐ **12. Low bit rate color image coding with adaptive encoding of wavelet coefficients**  
 Meadows, S.; Mitra, S.;  
 Data Compression Conference, 1997. DCC '97. Proceedings  
 25-27 March 1997 Page(s):455  
[AbstractPlus](#) | Full Text: [PDF\(80 KB\)](#) IEEE CNF
- ☐ **13. An integrated method for image compression using the discrete wavelet transform**  
 Yi-Qiang Hu; Hung-Hseng Hsu; Bing-Fei Wu;  
 Circuits and Systems, 1997. ISCAS '97., Proceedings of 1997 IEEE International Symposium  
 Volume 2, 9-12 June 1997 Page(s):1317 - 1320 vol.2  
[AbstractPlus](#) | Full Text: [PDF\(476 KB\)](#) IEEE CNF
- ☐ **14. Adaptive shrinkage algorithm for ringing suppression with smoothness constraint**  
 Ngai-Fong Law; Wan-Chi Siu;  
 Image Processing, 1999. ICIP 99. Proceedings. 1999 International Conference on  
 Volume 3, 24-28 Oct. 1999 Page(s):364 - 368 vol.3  
[AbstractPlus](#) | Full Text: [PDF\(463 KB\)](#) IEEE CNF
- ☐ **15. Improving vector quantization of satellite images through the application of bi-orthogonal wavelets**  
 Ho, A.T.-S.; Tao Yu; Siu-Chung Tam; Siong-Chai Tan; Lian-Teck Yap;  
 Geoscience and Remote Sensing Symposium, 1999. IGARSS '99 Proceedings. IEEE  
 Volume 2, 28 June-2 July 1999 Page(s):1171 - 1173 vol.2  
[AbstractPlus](#) | Full Text: [PDF\(364 KB\)](#) IEEE CNF
- ☐ **16. Dynamic rate control for MPEG-2 bit stream transcoding**

Wen-Nung Lie; Ying-Hsiang Chen;  
Image Processing, 2001. Proceedings. 2001 International Conference on  
Volume 1, 7-10 Oct. 2001 Page(s):477 - 480 vol.1

[AbstractPlus](#) | Full Text: [PDF](#)(288 KB) IEEE CNF



**17. Large block entropy-constrained reflected residual vector quantization**

Khan, M.A.U.;  
Networking and Communication, 2004. INCC 204. International Conference on  
11-13 June 2004 Page(s):128 - 131

[AbstractPlus](#) | Full Text: [PDF](#)(378 KB) IEEE CNF



**18. Adaptive subspace image vector quantization and its relationship with transform VQ**

Chok-Ki Chan; Lai-Man Po; Lee-Ming Cheng;  
Digital Processing of Signals in Communications, 1991., Sixth International Conference  
2-6 Sep 1991 Page(s):48 - 51

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Solid-State Circuits, IEEE Journal of  
Volume 32, Issue 12, Dec. 1997 Page(s):2030 - 2041  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(308 KB\)](#) IEEE JNL

- ☐ 2. **A 0.2 b/pixel 16 mW real-time analog image encoder in 0.8  $\mu$ m CMOS**  
Iizuka, K.; Miyamoto, M.; Matsui, H.; Hashiguchi, K.;  
Solid-State Circuits Conference, 1997. Digest of Technical Papers. 44th ISSCC., 1997 International  
6-8 Feb. 1997 Page(s):190 - 191, 454  
[AbstractPlus](#) | Full Text: [PDF\(1460 KB\)](#) IEEE CNF

- ☐ 3. **A compressed digital output CMOS image sensor with analog 2-D DCT processor ADC/quantizer**  
Kawahito, S.; Yoshida, M.; Sasaki, M.; Umehara, K.; Tadokoro, Y.; Murata, K.; Dousho A.;  
Solid-State Circuits Conference, 1997. Digest of Technical Papers. 44th ISSCC., 1997 International  
6-8 Feb. 1997 Page(s):184 - 185, 453  
[AbstractPlus](#) | Full Text: [PDF\(1016 KB\)](#) IEEE CNF

- ☐ 4. **Spatio-temporal feature extraction from compressed video data**  
Hang-Bong Kang;  
TENCON 99. Proceedings of the IEEE Region 10 Conference  
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[AbstractPlus](#) | Full Text: [PDF\(340 KB\)](#) IEEE CNF

- ☐ 5. **Switched-current technique for video compression and quantization**  
Handkiewicz, A.; Kropidlowski, M.; Lukowiak, M.;  
ASIC/SOC Conference, 1999. Proceedings. Twelfth Annual IEEE International  
15-18 Sept. 1999 Page(s):299 - 303  
[AbstractPlus](#) | Full Text: [PDF\(216 KB\)](#) IEEE CNF

- ☐ 6. **Efficient block-based coding of noise images by combining pre-filtering and DCT**

Sung Deuk Kim; Sung Kyu Jang; Myung Jun Kim; Jong Beom Ra;  
Circuits and Systems, 1999. ISCAS '99. Proceedings of the 1999 IEEE International Sy  
Volume 4, 30 May-2 June 1999 Page(s):37 - 40 vol.4

[AbstractPlus](#) | Full Text: [PDF](#)(388 KB) IEEE CNF



**7. JPEG compression factor control: a new algorithm**

Arcangelo, B.; Massimo, M.;  
Consumer Electronics, 2001. ICCE. International Conference on  
19-21 June 2001 Page(s):206 - 207

[AbstractPlus](#) | Full Text: [PDF](#)(128 KB) IEEE CNF



**8. A flexible architecture for H.263 video coding**

Garrido, M.J.; Sanz, C.; Jimenez, M.; Meneses, J.M.;  
Digital System Design, 2002. Proceedings. Euromicro Symposium on  
4-6 Sept. 2002 Page(s):70 - 77

[AbstractPlus](#) | Full Text: [PDF](#)(1595 KB) IEEE CNF



**9. FPGA Implementation of image watermarking algorithm for a digital camera**

Hyun Lim; Soon-Young Park; Seong-Jun Kang; Wan-Hyun Cho;  
Communications, Computers and signal Processing, 2003. PACRIM. 2003 IEEE Pacific  
on  
Volume 2, 28-30 Aug. 2003 Page(s):1000 - 1003 vol.2

[AbstractPlus](#) | Full Text: [PDF](#)(429 KB) IEEE CNF



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Ohuchi, M.; Okamura, T.; Sawairi, A.; Kuniba, F.; Matsumoto, K.; Tashiro, T.; Hatakeya Okuyama, K.;

Solid-State Circuits, IEEE Journal of  
Volume 27, Issue 4, April 1992 Page(s):664 - 667[AbstractPlus](#) | Full Text: [PDF](#)(404 KB) IEEE JNL

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**2. A Si Bipolar 5Gbit/s 8:1 Multiplexer and 4.1Gbit/s 1:8 Demultiplexer**

Ohuchi, M.; Okamura, T.; Sawairi, A.; Kuniba, F.; Matsumoto, K.; Tashiro, T.; Hatakeya Okuyama, K.;

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